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for  
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CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Nancy E. Yorke  
Name

Nancy E. Yorke  
Signature

March 4, 2003  
Date

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Petrukhin, et al.
Serial No.:	09/806,088 - Case No.: 20267P
Filed:	July 13, 2001
For:	DELTA 6 FATTY DESATURASE

Art Unit:  
1652

Examiner:  
Rao

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MAR 19 2003

Assistant Commissioner for Patents  
Washington, D.C. 20231

TECH CENTER 1600/2900

AMENDMENT AND RESPONSE UNDER 37 C.F.R. §1.115

Sir:

This is in response to the Office Action mailed December 4, 2002, having a three month period for response of March 4, 2003. Applicants respectfully request the following amendments be entered and the claims considered in light thereof and the remarks presented herein.

IN THE CLAIMS:

✓  
Please cancel claim 11 without prejudice and amend claims 3, 6, 7, 8 and 9, and the dependent claims therefrom, with the version provided immediately below to read as follows:

3. An isolated DNA molecule comprising a sequence that hybridizes under conditions of high stringency to a DNA molecule selected from the group consisting of:  
SEQ ID NO:2;  
SEQ ID NO:2 lacking positions 1,019-1,054;

Al